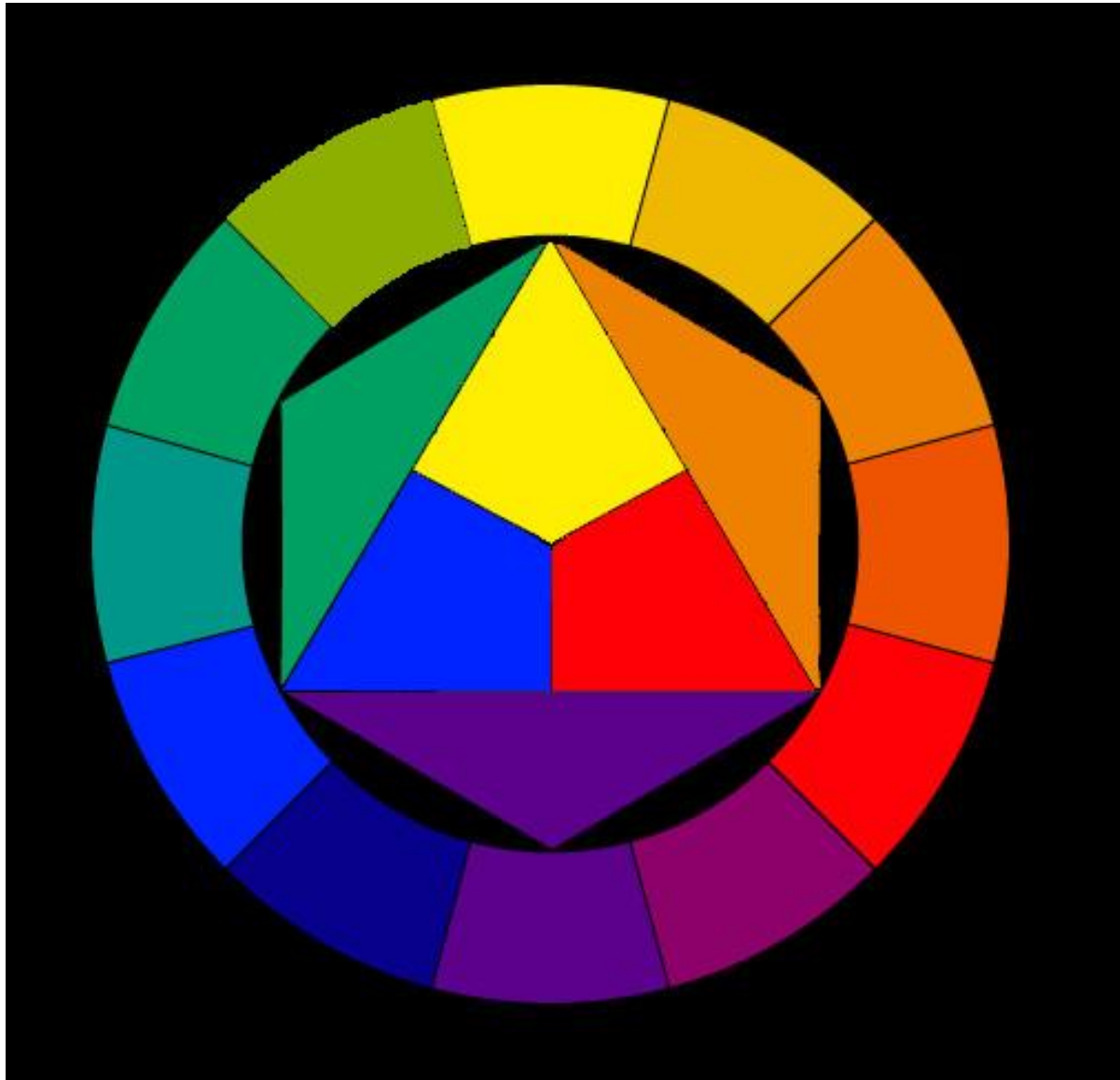


Farverum – CIE kromatiske system

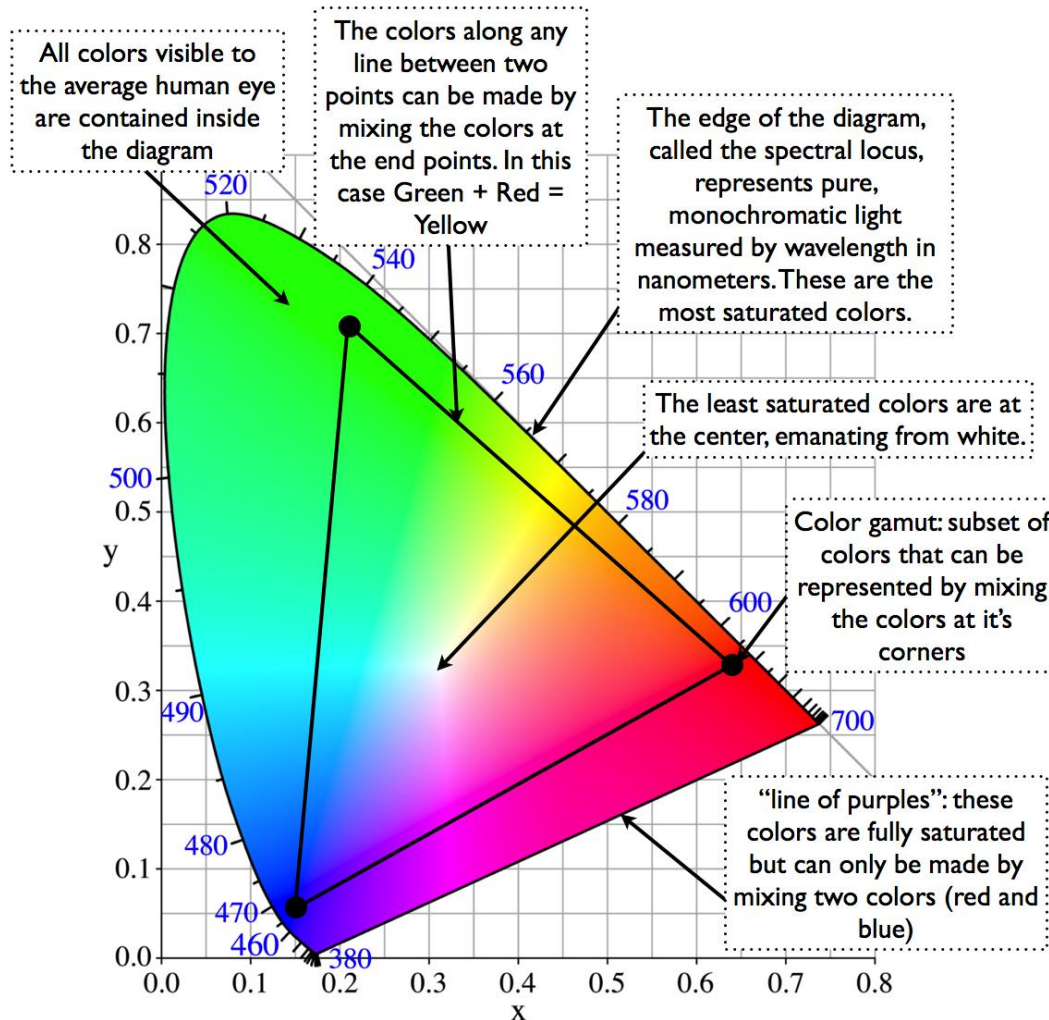
Hvad er farverum?

- En grafisk oversigt over alle synlige farver, d.v.s. alle de kulører, der er synlige for det normale øje
- Farverummet præsenteres i et x-y koordinatsystem, hvor der er lineær inddeling på begge akser
- Farverummet er indrammet med angivelse af kulørens bølgelængde
- Rette linier i farverummet viser alle de kulører, der opstår ved blanding af kulører i liniens endepunkter
- Der kan indlægges geometriske figurer i farverummet, som viser et vist udsnit af samtlige, synlige kulører
- Vi fotografer skal have alt dette ind via synet, så =>

Farverum – Farvecirklen

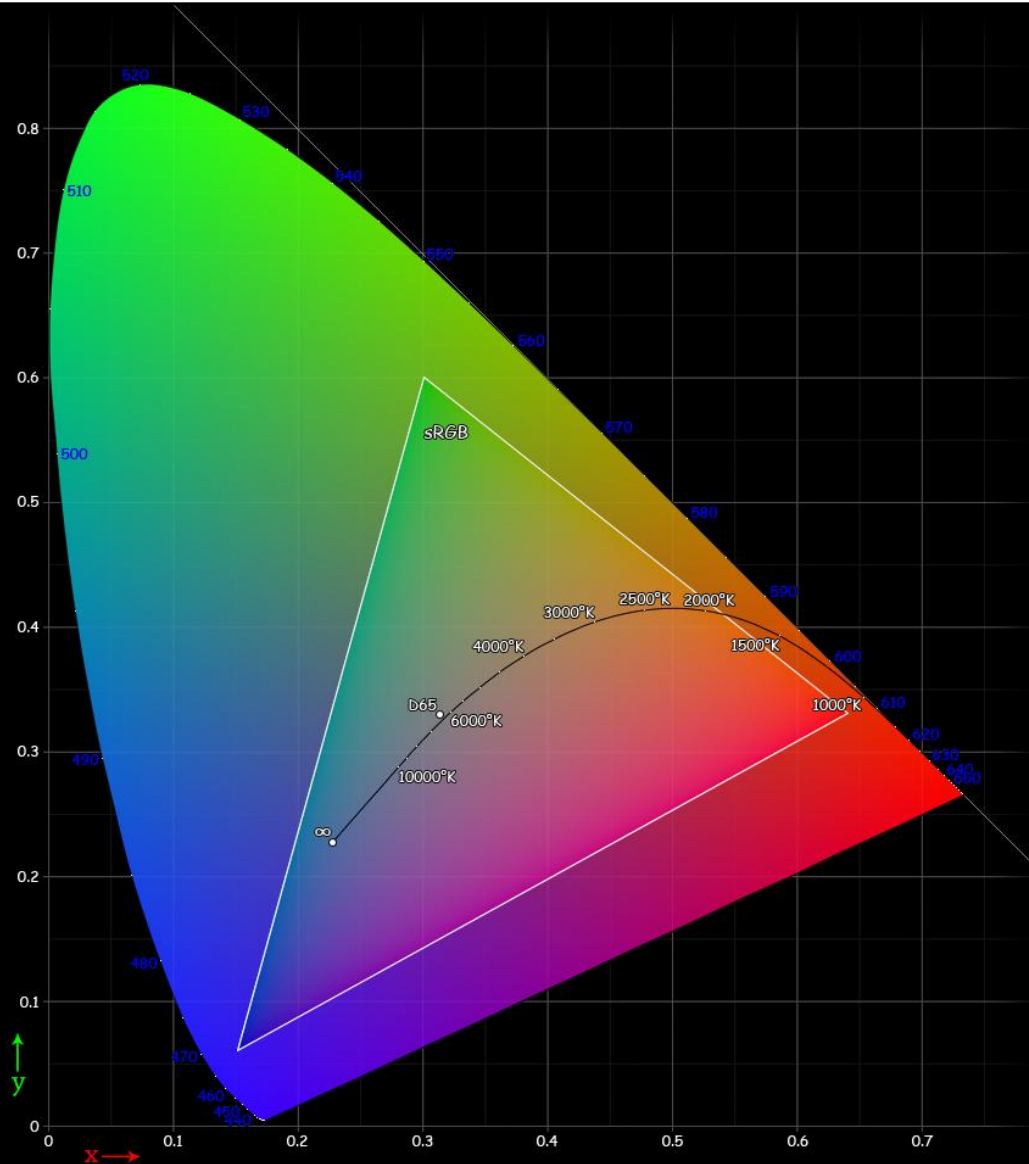


Farverum – CIE kromatiske system

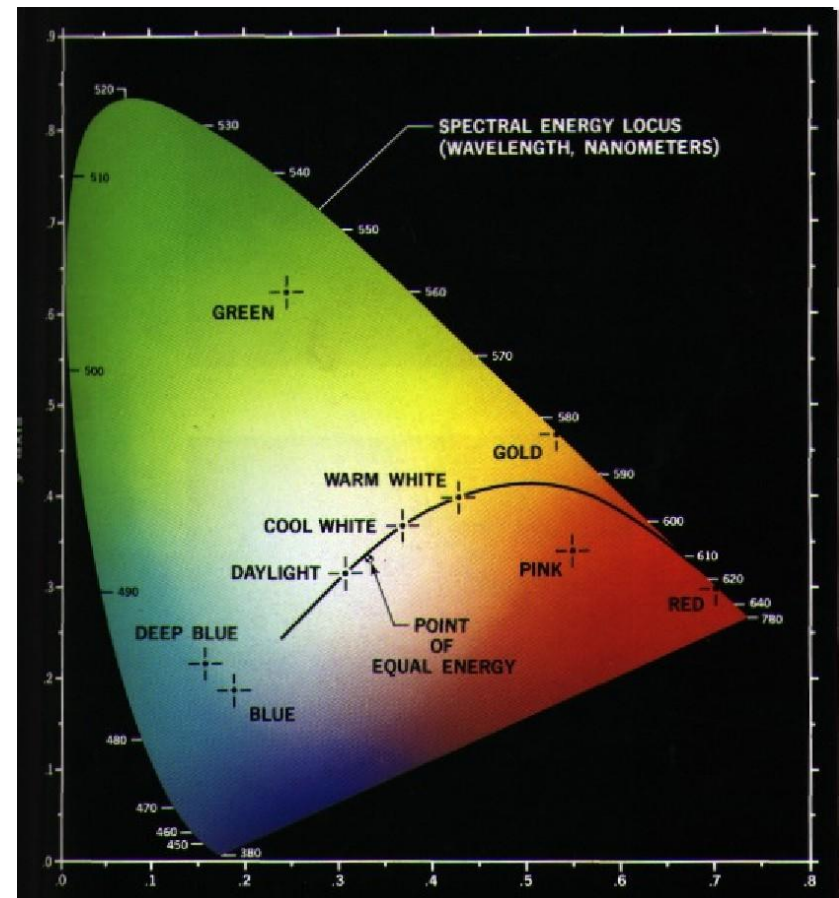
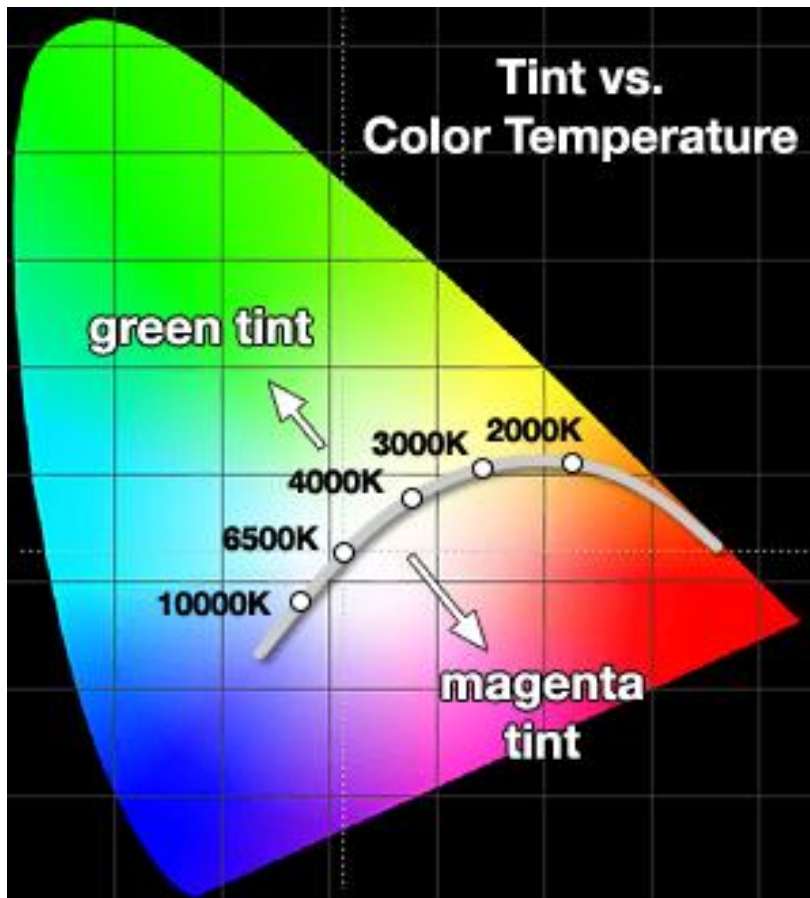


Anatomy of a CIE Chromaticity Diagram

Farverum – CIE kromatiske system



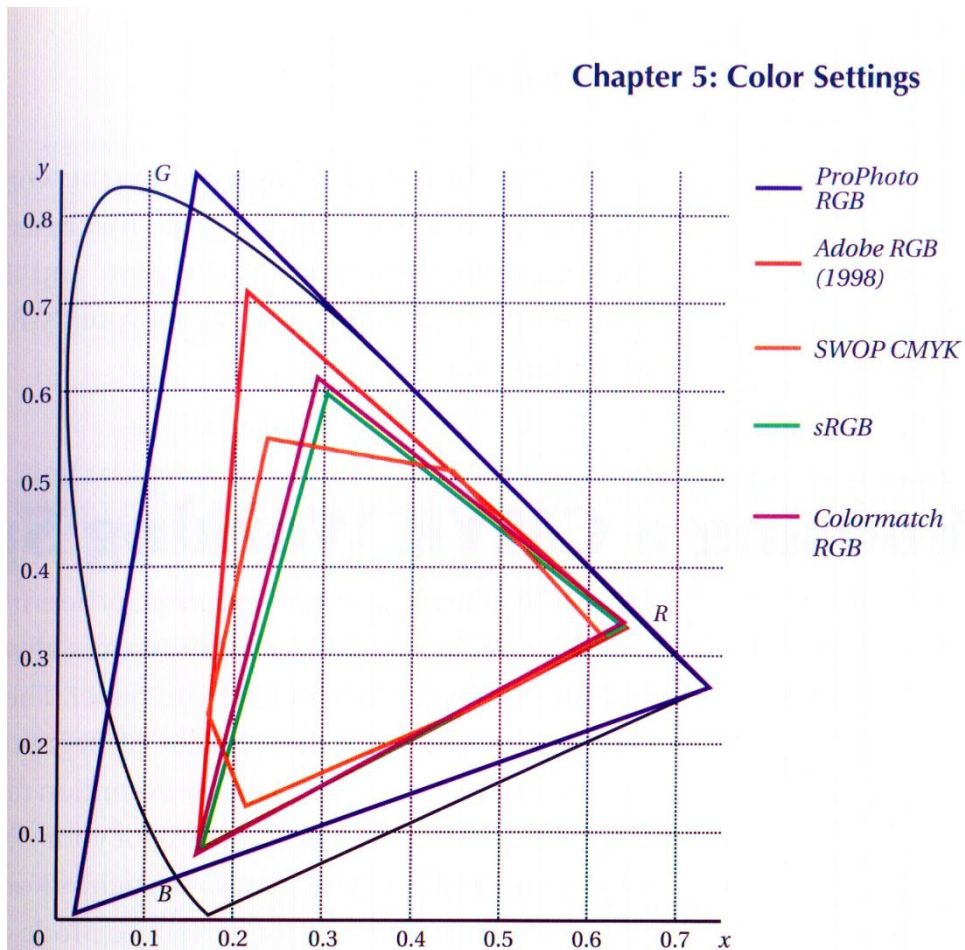
Farverum – CIE kromatiske system



Farvestik i diagrammet

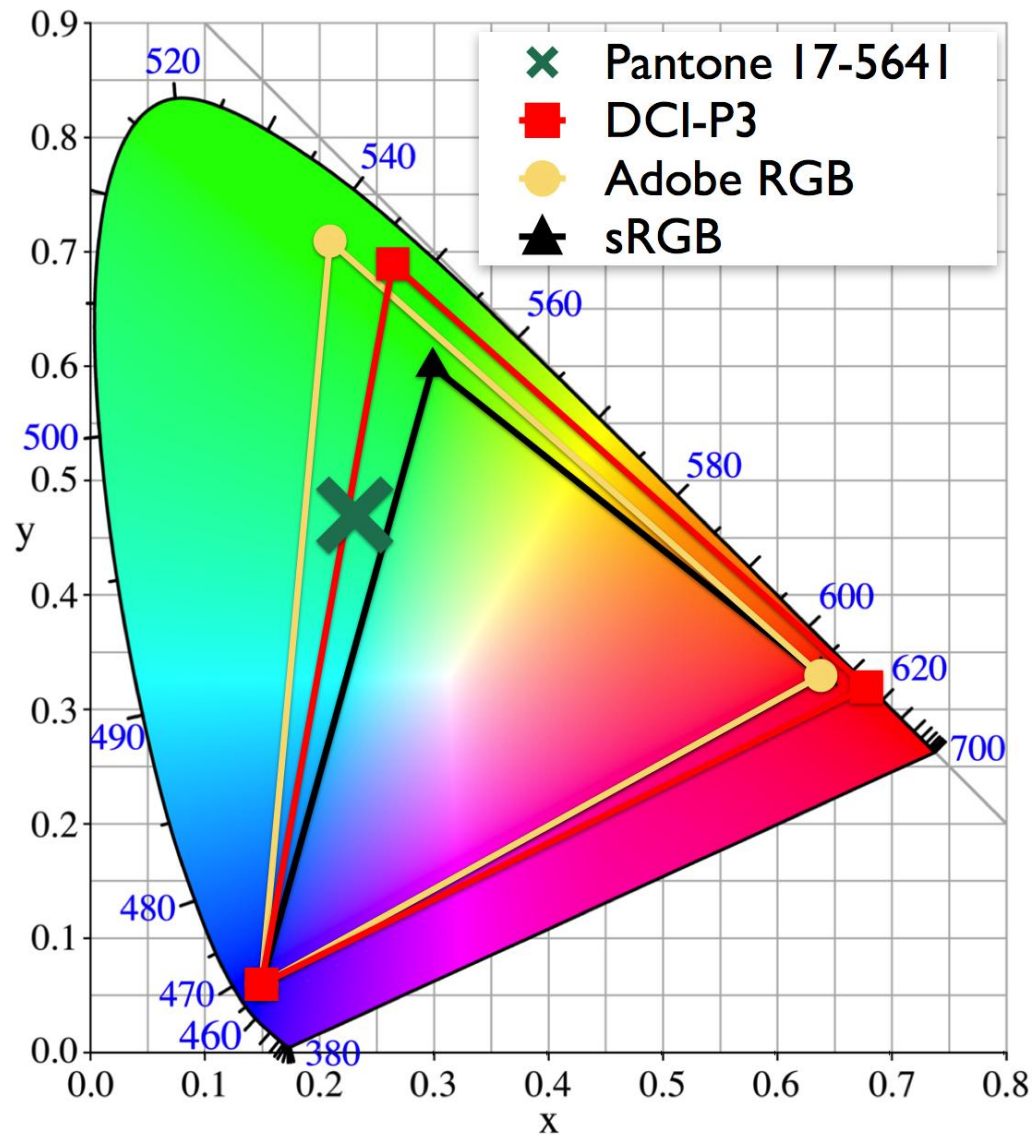
Farverum – CIE kromatiske system

Chapter 5: Color Settings 179

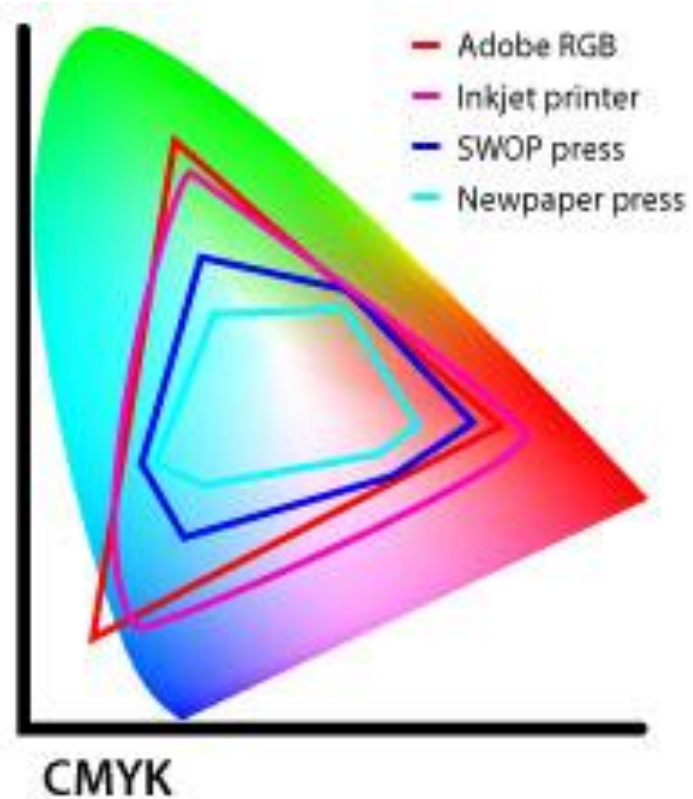
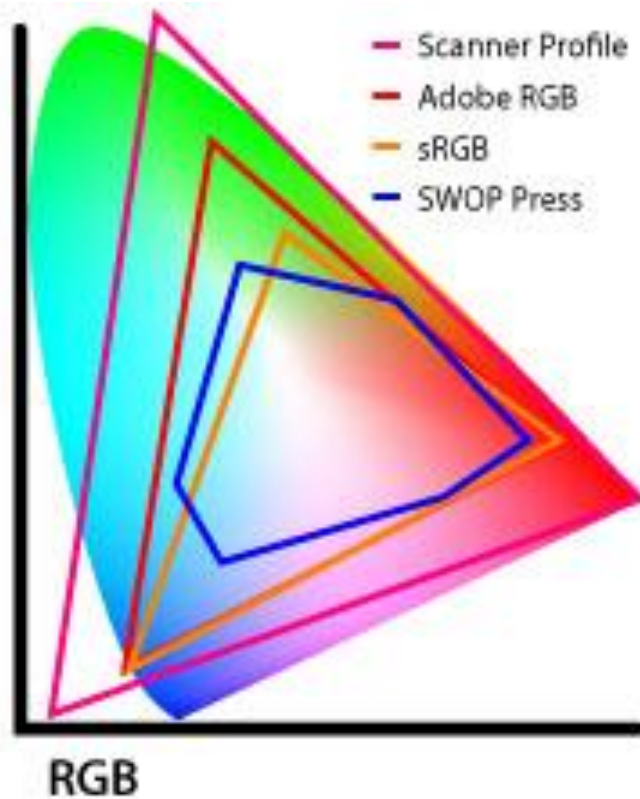


This figure shows the gamuts of several of Photoshop's working RGB working spaces and the gamut of SWOP CMYK, plotted in CIE xyY space. It illustrates the trade-off inherent in choosing an RGB space between clipping the gamut of CMYK and wasting bits on unprintable colors.

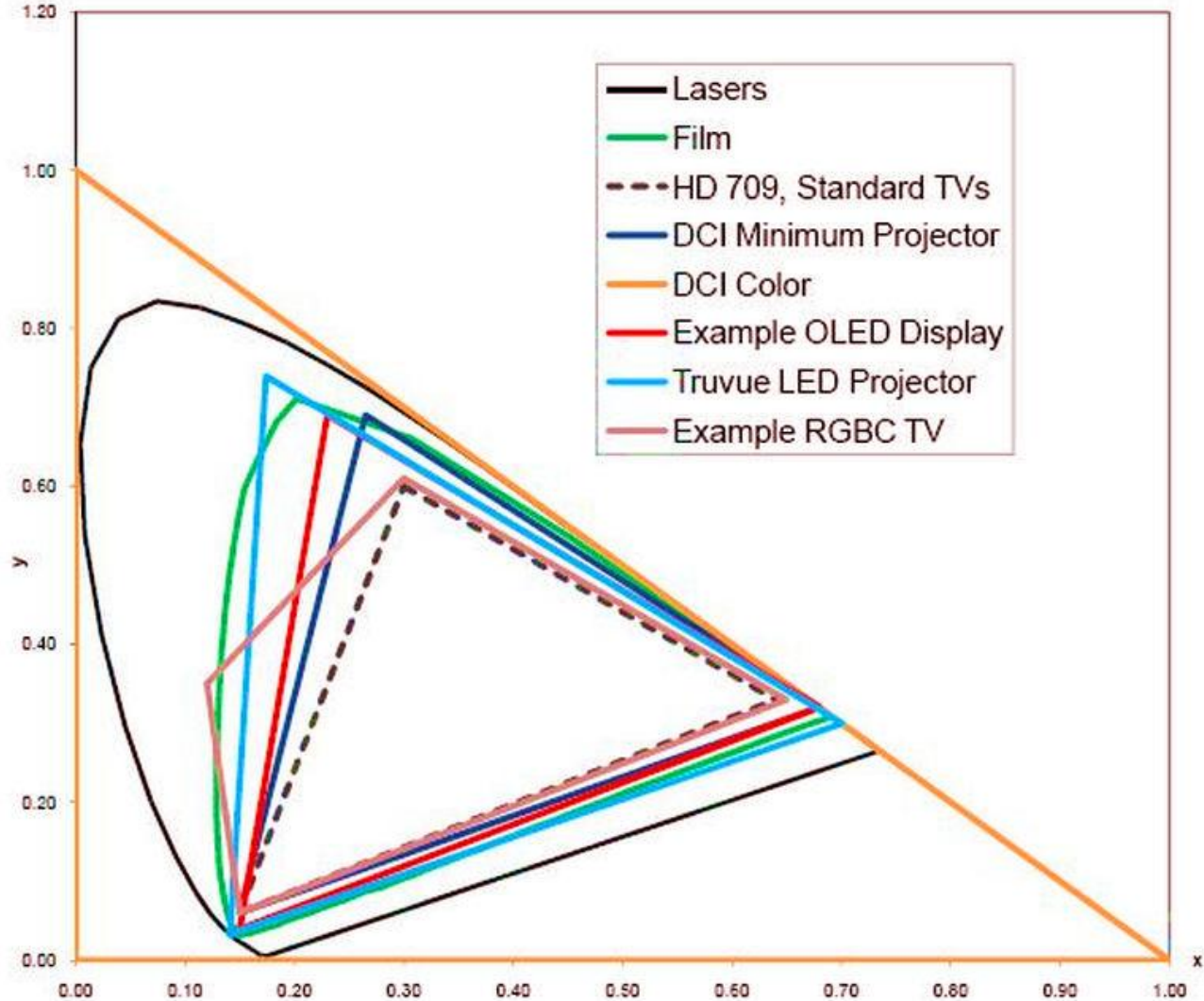
Farverum – CIE kromatiske system



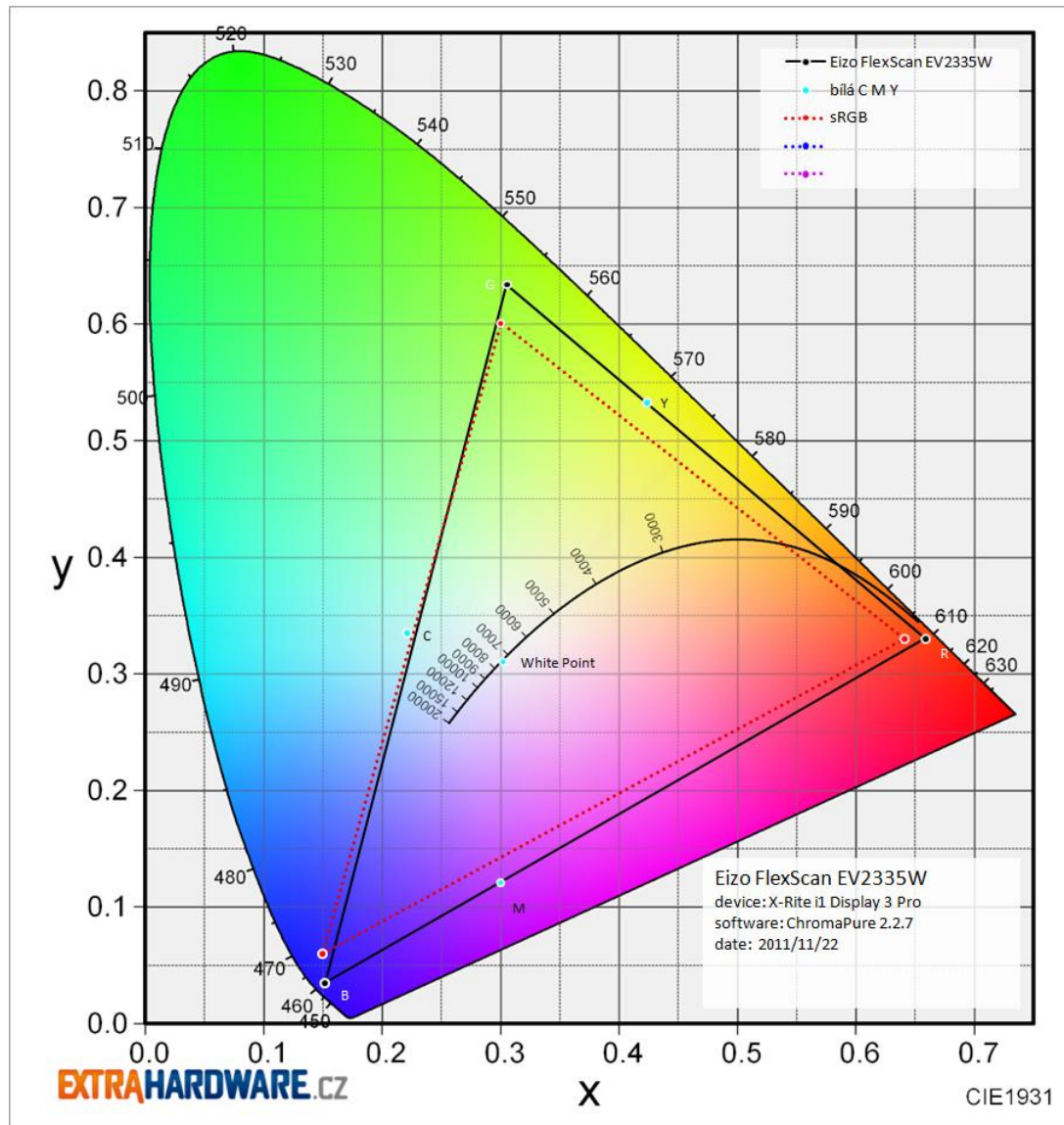
Farverum – CIE kromatiske system



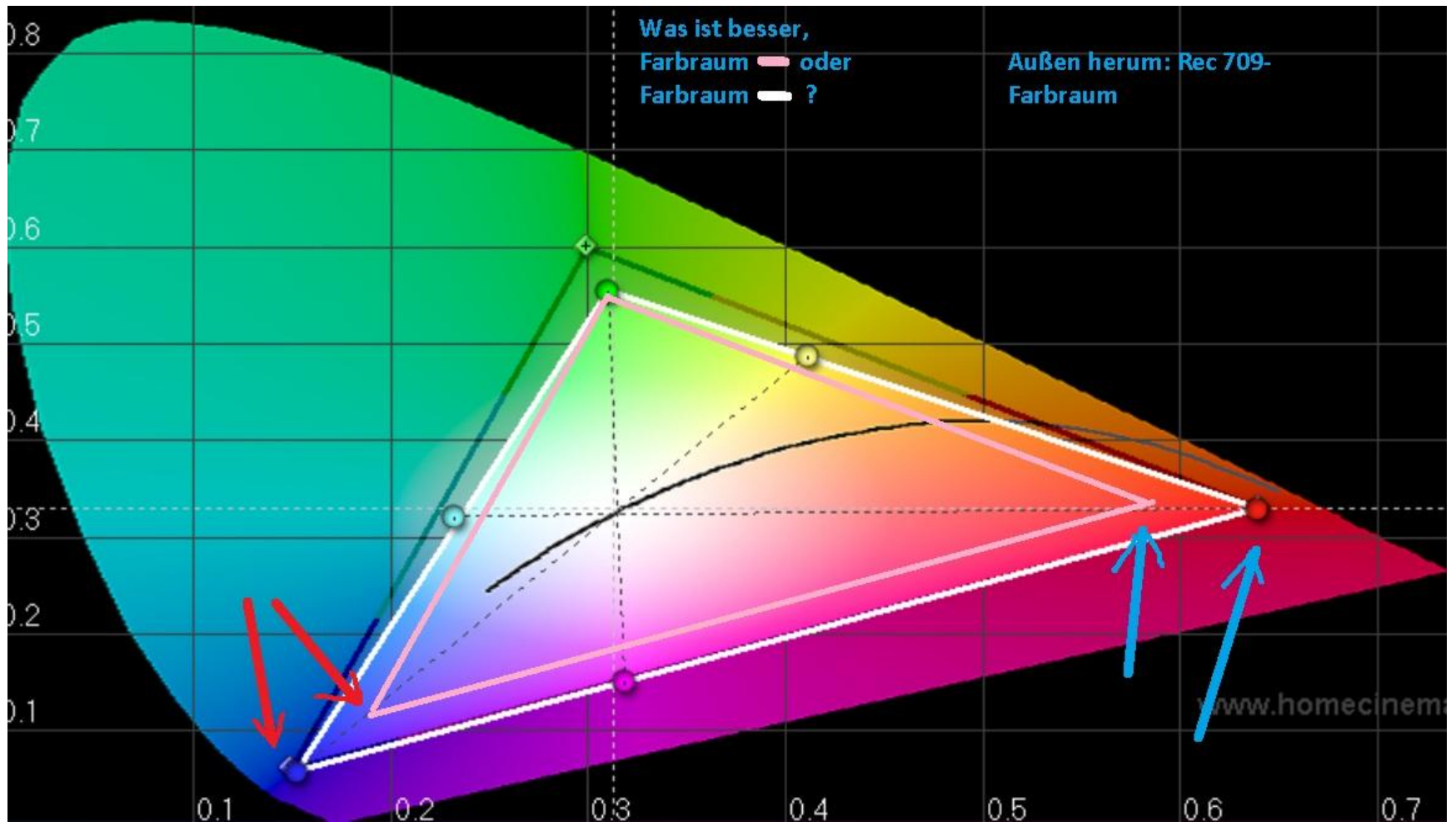
Farverum – CIE kromatiske system



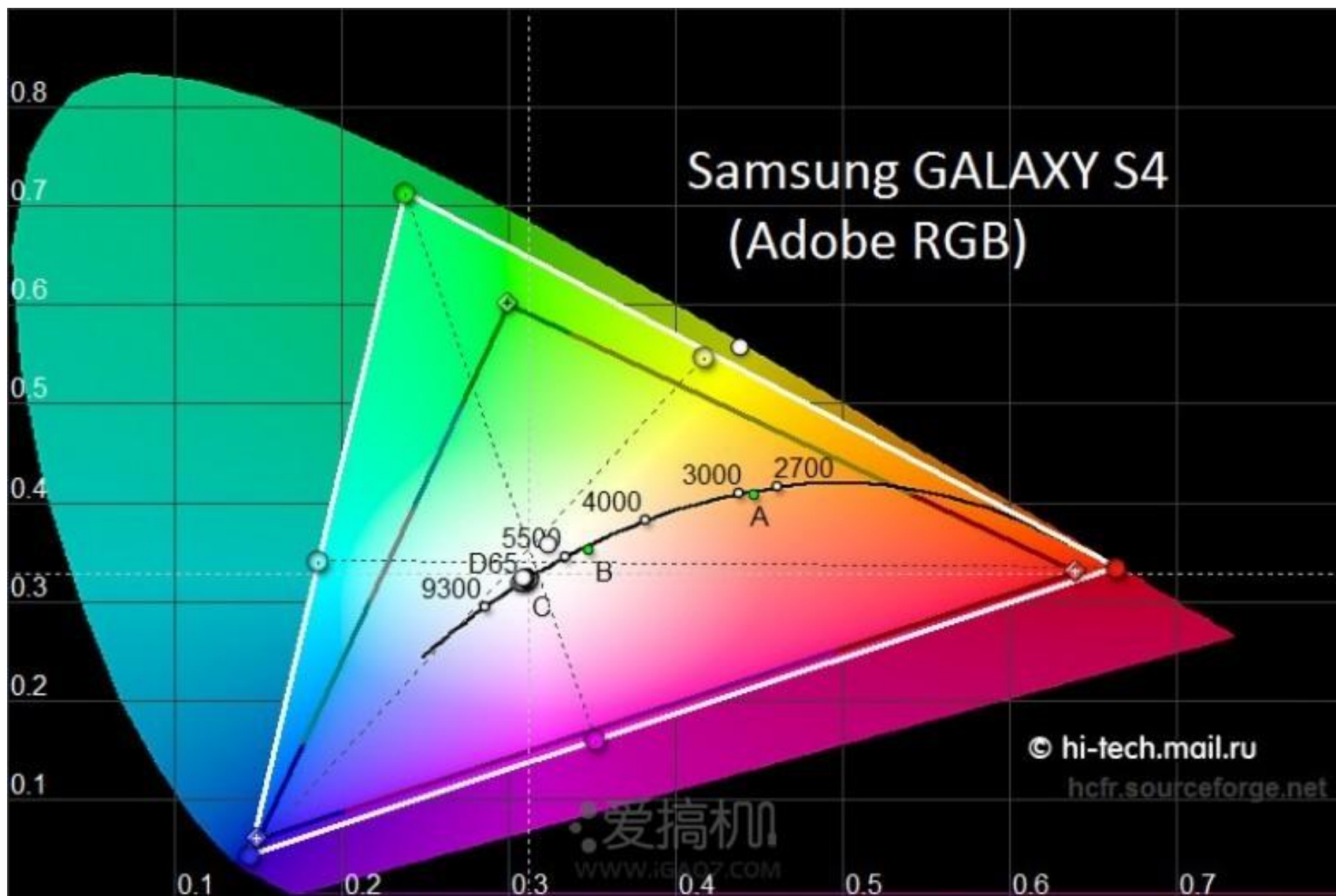
Farverum – CIE kromatiske system



Farverum – CIE kromatiske system



Farverum – CIE kromatiske system



Farverum – CIE kromatiske system

